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1 [Learning the iTunesDB file format](#)

[Patrick Crosby](#)

December 2002

Linux Journal, Volume 2002 Issue 104

Publisher: Specialized Systems Consultants, Inc.

Full text available: ☒ [Html](#) (18.68 KB)

Additional Information: [full citation](#), [abstract](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 14, Downloads (Overall): 274, Citation Count: 0

iPods aren't just for people who use computers from Mattel, no wait, Apple. Here's the playlist format. Don't all buy iPods at once, folks.

2 [Digital rights management in a 3G mobile phone and beyond](#)

[Thomas S. Messerges](#), [Ezzat A. Dabbish](#)

October 2003 **DRM '03: Proceedings of the 3rd ACM workshop on Digital rights management**

Publisher: ACM ☒ [Request Permissions](#)

Full text available: ☒ [Pdf](#) (306.59 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 25, Downloads (12 Months): 229, Downloads (Overall): 3576, Citation Count: 9

In this paper we examine how copyright protection of digital items can be securely managed in a 3G mobile phone and other devices. First, the basic concepts, strategies, and requirements for digital rights management are reviewed. Next, a framework for ...

Keywords: MPEG-21, copyright protection, cryptography, digital content, digital rights management, embedded system, key management, mobile phone, open mobile alliance, security

3 [Linux for suits: open source radio](#)

[Doc Searls](#)

January 2002

Linux Journal, Volume 2002 Issue 93

Publisher: Specialized Systems Consultants, Inc.

Full text available: ☒ [Html](#) (22.25 KB)

Additional Information: [full citation](#), [abstract](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 4, Downloads (Overall): 108, Citation Count: 0

Open-Source Radio

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4 Providing proper affordances when transferring source metaphors from information appliances to a 3G mobile multipurpose handset

Mikael Goldstein, Marcus Nyberg, Mikael Anneroth

December 2003 **Personal and Ubiquitous Computing** , Volume 7 Issue 6

Publisher: Springer-Verlag

Full text available:  Pdf (344.07 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 43, Downloads (Overall): 778, Citation Count: 0

The idea of merging different information appliances, each tailored to fit a specific task, into a multipurpose 3G mobile handset has become an interesting research area. This paper describes what considerations must be met from an efficiency point of ...

Keywords: Affordances, Information appliance, Multipurpose device, Source metaphors, Usability evaluation

5 Structuring internet media streams with cueing protocols

Jack Brassil, Henning Schulzrinne

August 2002 **IEEE/ACM Transactions on Networking (TON)** , Volume 10 Issue 4

Publisher: IEEE Press

Full text available:  Pdf (282.39 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 67, Downloads (Overall): 718, Citation Count: 1

We propose a new, media-independent protocol for including program timing, structure, and identity information in Internet media streams. The protocol uses signaling messages called *cues* to indicate events whose timing is significant to receivers, ...


Keywords: content delivery networks, multimedia signaling, real-time transport protocol (RTP)

6 The information furnace: consolidated home control

Diomidis D. Spinellis

May 2003 **Personal and Ubiquitous Computing** , Volume 7 Issue 1

Publisher: Springer-Verlag

Full text available:  Pdf (488.36 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 91, Downloads (Overall): 1364, Citation Count: 6

The Information Furnace is a basement-installed PC-type device that integrates existing consumer home-control, infotainment, security and communication technologies to transparently provide accessible and value-added services. A modern home contains ...

Keywords: Automation, Consumer electronics, Home-control, Multi-modal interfaces

7 Alternate distribution strategies for digital music



G. Prem Premkumar

September 2003

Communications of the ACM , Volume 46 Issue 9

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (103.58 KB)

Additional Information: [full citation](#), [appendices and supplements](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 126, Downloads (12 Months): 842, Downloads (Overall): 6634, Citation Count: 7

Digitization of music has created opportunities to reengineer the supply chain and improve its efficiency.

But how will it play out?


8 MP3 Linux Players

Craig Knudsen

July 1999

Linux Journal , Volume 1999 Issue 63es

Publisher: Specialized Systems Consultants, Inc.

Full text available:  [Html](#) (10.56 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 19, Downloads (Overall): 86, Citation Count: 0

Is MP3 the wave of the future? Mr. Knudsen describes this new technology and what it will mean to the listener

9 Behavioral reactivity and real time programming in XML: *functional programming meets SMIL animation*




Peter King, Patrick Schmitz, Simon Thompson

October 2004

DocEng '04: Proceedings of the 2004 ACM symposium on Document engineering

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (297.44 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 39, Downloads (Overall): 456, Citation Count: 5

XML and its associated languages are emerging as powerful authoring tools for multimedia and hypermedia web content. Furthermore intelligent presentation generation engines have begun to appear as have models and platforms for adaptive presentations. ...

Keywords: DOM, SMIL, SVG, XML, animation, behaviors, continuous, declarative, events, expressions, functional programming, modeling, time


10 Cooking with Linux: strike up the band and celebrate!

Marcel Gagné

August 2002

Linux Journal , Volume 2002 Issue 100

Publisher: Specialized Systems Consultants, Inc.

Full text available:  [Html](#) (10.77 KB)

Additional Information: [full citation](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 2, Downloads (Overall): 58, Citation Count: 0

11 An empirical study of realvideo performance across the internet




Yubing Wang, Mark Claypool, Zheng Zuo

November 2001

IMW '01: Proceedings of the 1st ACM SIGCOMM Workshop on Internet Measurement

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (4.30 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 55, Downloads (Overall): 1174, Citation Count: 27

The tremendous increase in computer power and bandwidth connectivity has fueled the growth of streaming video over the Internet to the desktop. While there have been large scale empirical studies of Internet, Web and multimedia traffic, the performance ...

12 Creating a new channel for campus communication




Mark Allen Nakamura

October 2004

SIGUCCS '04: Proceedings of the 32nd annual ACM SIGUCCS conference on User services

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (171.17 KB)

Additional Information: [full citation](#), [abstract](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 14, Downloads (Overall): 125, Citation Count: 1

Walk around any college campus and in less than a minute you'll most likely notice a plethora of flyers and posters. The overwhelming result can be hundreds of posters competing with each other on cluttered bulletin boards, sidewalks, and even bathroom ...

Keywords: graphic systems, multimedia, network graphics, plasma displays, video

13 User walkthrough of multimodal access to multidimensional databases



M. P. van Esch-Bussemaekers, A. H. M. Cremers

October 2004 **ICMI '04:** Proceedings of the 6th international conference on Multimodal interfaces

Publisher: ACM

Full text available: Pdf (550.32 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 22, Downloads (Overall): 234, Citation Count: 0

This paper describes a user walkthrough that was conducted with an experimental multimodal dialogue system to access a multidimensional music database using a simulated mobile device (including a technically challenging four-PHANToM-setup). The main ...

Keywords: guidelines, haptic-tactile, multidimensional, multimodal, speech, usability, user walkthrough, visualization

14 Exploring the role of emotion in the interaction design of digital music players



John Zimmerman

June 2003 **DPPI '03:** Proceedings of the 2003 international conference on Designing pleasurable products and interfaces

Publisher: ACM [Request Permissions](#)

Full text available: Pdf (242.96 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 72, Downloads (Overall): 925, Citation Count: 1

This paper documents students' interaction designs for digital music players that consider both the emotional quality of interaction as well as usability.

Keywords: affective design, interaction design, music interface

15 Intelligent Agents Meet Semantic Web in a Smart Meeting Room

Harry Chen, Filip Perich, Dipanjan Chakraborty, Tim Finin, Anupam Joshi

July 2004 **AAMAS '04: Proceedings of the Third International Joint Conference on Autonomous Agents and Multiagent Systems - Volume 2**, Volume 2

Publisher: IEEE Computer Society

Full text available: Pdf (883.42 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 135, Downloads (Overall): 1008, Citation Count: 6

We describe a new smart meeting room system called EasyMeeting that explores the use of FIPA agent technologies, Semantic Web ontologies, logic reasoning, and security and privacy policies. Building on a pervasive computing system that we have developed ...

16 New tools and practices for electronic music distribution

Francis Rousseaux, Alain Bonardi

September 2003 **ISICT '03:** Proceedings of the 1st international symposium on Information and communication technologies

Publisher: Trinity College Dublin

Full text available: Pdf (237.30 KB)

Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 18, Downloads (Overall): 260, Citation Count: 0

Apart from the traditional uses of computing in the fields of music and musicology, human-computer systems are emerging in reaction to this tradition, which is already effective, though still young. Whereas these unique systems operate in the usual fields ...

17 Running a Net Radio Station with Open-Source Software

Andy Faulkner, Rich Smith, Brad Baylor, Jim Bailey, Paul Mack, Jim Lemaster, Tom Hartel

January 2001 **Linux Journal**, Volume 2001 Issue 81es

Publisher: Specialized Systems Consultants, Inc.

Full text available:  [Html](#) (14.13 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 9, Downloads (Overall): 188, Citation Count: 0

Seven Linux enthusiasts broadcast a weekly internet radio show.

18 Getting the most from XMMS with plugins

Dave Phillips

March 2004

Linux Journal, Volume 2004 Issue 119

Publisher: Specialized Systems Consultants, Inc.

Full text available:  [Html](#) (7.81 KB) Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 2, Downloads (Overall): 222, Citation Count: 0

The standard Linux music player has some little-known but powerful features.

19 Cooking with Linux: put another nickel in...

Marcel Gagné

December 2003

Linux Journal, Volume 2003 Issue 116

Publisher: Specialized Systems Consultants, Inc.

Full text available:  [Html](#) (13.95 KB) Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 5, Downloads (Overall): 107, Citation Count: 0

20 Challenges of networked media: integrating the navigational features of browsing histories and media playlists into a media browser



André Pang, Conrad Parker, Silvia Pfeiffer

October

MULTIMEDIA '04: Proceedings of the 12th annual ACM international conference on Multimedia 2004

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (193.90 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 28, Downloads (Overall): 179, Citation Count: 0

One of the goals of the Continuous Media Web project¹ is to integrate digital media with the World Wide Web: media documents can hyperlink to and from other documents in the same way that HTML pages do. The dual capabilities of hyperlinking ...

Keywords: annodex, browsing history, continuous media web, media browser, playlist

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